The Silent partner.

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UNITED STATES OF AMERICA.

THE

LIQUOR DEALER'S SILENT PARTNER.

CONTAINING

TABLES OF VALUABLE INFORMATION

FOR

LIQUOR DEALERS

AND

PROPRIETORS OF HOTELS AND SALOONS.

NEW YORK:
WARREN V. D. TROTT. (a.f.p.)
1899.

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PREFACE.

The wide scope in prices (and discounts on lager beer) are made to apply to all parts of the United States.

The third figure in the column of cents stands for mills or tenths of one cent.

WAR TAX.

The "War Tax" of $1 per barrel is purposely omitted in making up the Ale and Lager Beer tables, as it may not be charged the same way in all parts of the United States. It adds to the cost 3⅓ cents per gallon, or ⅚ of one cent per quart.

As the contents of this book are of a confidential nature, it should be kept from the public and sold only to known proprietors.

Price, . . $1.50.

DIRECTIONS

FOR USING TABLES TO REDUCE LIQUORS.

If your goods are ABOVE 100 and you wish to make them PROOF, put in the amount of water on the line printed the same as the proof of your goods. For instance: you have 36 gallons at 107 to be made proof; find the table 36 gallons, and on line 107 you will see that you need 2 gallons, 2 quarts and ⅔ gill of water.

If your goods are PROOF and you wish to make them BELOW PROOF, put in the amount of water on the line marked the same as the proof you wish. For instance: you have 25 gallons at 100 to be made 90; find table 25 gallons, and on line 90 you will see that you need 2 gallons, 3 quarts and 1 gill water.

If your goods are ABOVE PROOF and you wish to make them BELOW—FIRST, REDUCE TO PROOF, as above, THEN REDUCE TO BELOW, but do not forget to make allowance for water added to make proof. For instance: suppose you have 40 gallons and you add 4 gallons water to make it proof—you then would have 44 gallons to reduce.

If your goods are ABOVE PROOF and you wish to reduce them to NOT LESS THAN 101, put in the amount of water on line representing the difference between what they are and what you want them to be. For instance: your goods are 115 and you want to make them 105. The difference between the proof is 10, so turn to table required to see how much water is required to reduce 10°, or in other words from 110 to 100.

If your goods are BELOW PROOF and you wish to further reduce them, put in the amount of water on line representing the difference between what they are and what you want them to be. For instance: your goods are 98 and you want to make them 90. The difference between the proof is 8°, so turn to table required to see how much water is needed to reduce 8°, or, in other words, from 100 to 92.

CAUTION.

Be sure your package can hold the amount of water to be added.

Be sure to thoroughly mix the liquor directly after putting in the water.

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TO REDUCE 1 GALLON,

ADD WATER AS FOLLOWS:

Proof.	Qts.	Pts.	Gills.
115 to **100**	0	1	¾
114 “	0	1	½
113 “	0	1	¼
112 “	0	0	3¾
111 “	0	0	3½
110 to **100**	0	0	3¼
109 “	0	0	2¾
108 “	0	0	2½
107 “	0	0	2¼
106 “	0	0	2
105 to **100**	0	0	1⅔
104 “	0	0	1¼
103 “	0	0	1
102 “	0	0	⅔
101 “	0	0	⅓
100 to **99**	0	0	⅓
“ **98**	0	0	⅔
“ **97**	0	0	1
“ **96**	0	0	1⅓
“ **95**	0	0	1⅔
100 to **94**	0	0	2
“ **93**	0	0	2⅓
“ **92**	0	0	2¾
“ **91**	0	0	3
“ **90**	0	0	3½
100 to **89**	0	1	0
“ **88**	0	1	⅓
“ **87**	0	1	¾
“ **86**	0	1	1¼
“ **85**	0	1	1⅔
100 to **84**	0	1	2
“ **83**	0	1	2½
“ **82**	0	1	3
“ **81**	0	1	3½
“ **80**	1	0	0

TO REDUCE 2 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Qts.	Pts.	Gills.
115 to **100**	1	0	1⅔
114 “	1	0	1
113 “	1	0	⅓
112 “	0	1	3⅔
111 “	0	1	3
110 to **100**	0	1	2⅓
109 “	0	1	1¾
108 “	0	1	1
107 “	0	1	½
106 “	0	0	3¾
105 to **100**	0	0	3¼
104 “	0	0	2½
103 “	0	0	2
102 “	0	0	1¼
101 “	0	0	⅔
100 to **99**	0	0	⅔
“ **98**	0	0	1¼
“ **97**	0	0	2
“ **96**	0	0	2⅔
“ **95**	0	0	3⅓
100 to **94**	0	1	0
“ **93**	0	1	¾
“ **92**	0	1	1½
“ **91**	0	1	2⅓
“ **90**	0	1	3
100 to **89**	1	0	0
“ **88**	1	0	¾
“ **87**	1	0	1½
“ **86**	1	0	2⅓
“ **85**	1	0	3¼
100 to **84**	1	1	¼
“ **83**	1	1	1
“ **82**	1	1	2
“ **81**	1	1	3
“ **80**	2	0	0

TO REDUCE 3 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Qts.	Pts.	Gills.
115 to **100**	1	1	2⅓
114 “	1	1	1½
113 “	1	1	½
112 “	1	0	3½
111 “	1	0	2½
110 to **100**	1	0	1⅔
109 “	1	0	⅔
108 “	0	1	3⅔
107 “	0	1	2¾
106 “	0	1	1¾
105 to **100**	0	1	¾
104 “	0	0	3¾
103 “	0	0	2¾
102 “	0	0	2
101 “	0	0	1
100 to **99**	0	0	1
“ **98**	0	0	2
“ **97**	0	0	3
“ **96**	0	1	0
“ **95**	0	1	1
100 to **94**	0	1	2
“ **93**	0	1	3¼
“ **92**	1	0	⅓
“ **91**	1	0	1½
“ **90**	1	0	2⅔
100 to **89**	1	0	3¾
“ **88**	1	1	1
“ **87**	1	1	2⅓
“ **86**	1	1	3⅔
“ **85**	2	0	1
100 to **84**	2	0	2¼
“ **83**	2	0	3⅔
“ **82**	2	1	1
“ **81**	2	1	2½
“ **80**	3	0	0

TO REDUCE 4 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	0	2	0	3¼
114 “	0	2	0	2
113 “	0	2	0	⅔
112 “	0	1	1	3⅓
111 “	0	1	1	2
110 to **100**	0	1	1	¾
109 “	0	1	0	3½
108 “	0	1	0	2¼
107 “	0	1	0	1
106 “	0	0	1	3⅔
105 to **100**	0	0	1	2⅓
104 “	0	0	1	1
103 “	0	0	0	3¾
102 “	0	0	0	2½
101 “	0	0	0	1¼
100 to **99**	0	0	0	1¼
“ **98**	0	0	0	2⅔
“ **97**	0	0	1	0
“ **96**	0	0	1	1⅓
“ **95**	0	0	1	2¾
100 to **94**	0	1	0	¼
“ **93**	0	1	0	1⅔
“ **92**	0	1	0	3
“ **91**	0	1	1	⅔
“ **90**	0	1	1	2¼
100 to **89**	0	1	1	3¾
“ **88**	0	2	0	1½
“ **87**	0	2	0	3
“ **86**	0	2	1	¾
“ **85**	0	2	1	2½
100 to **84**	0	3	0	⅓
“ **83**	0	3	0	2¼
“ **82**	0	3	1	0
“ **81**	0	3	1	2
“ **80**	1	0	0	0

TO REDUCE 5 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	0	3	0	0
114 “	0	2	1	2⅓
113 “	0	2	1	¾
112 “	0	2	0	3¼
111 “	0	2	0	1⅔
110 to **100**	0	2	0	0
109 “	0	1	1	2⅓
108 “	0	1	1	¾
107 “	0	1	0	3¼
106 “	0	1	0	1⅔
105 to **100**	0	1	0	0
104 “	0	0	1	2⅓
103 “	0	0	1	¾
102 “	0	0	0	3¼
101 “	0	0	0	1⅔
100 to **99**	0	0	0	1⅔
“ **98**	0	0	0	3¼
“ **97**	0	0	1	1
“ **96**	0	0	1	2⅔
“ **95**	0	1	0	½
100 to **94**	0	1	0	2¼
“ **93**	0	1	1	0
“ **92**	0	1	1	2
“ **91**	0	1	1	3¾
“ **90**	0	2	0	1¾
100 to **89**	0	2	0	3¾
“ **88**	0	2	1	1¾
“ **87**	0	3	0	0
“ **86**	0	3	0	2
“ **85**	0	3	1	¼
100 to **84**	0	3	1	2½
“ **83**	1	0	0	¾
“ **82**	1	0	0	3
“ **81**	1	0	1	1½
“ **80**	1	1	0	0

TO REDUCE 6 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	0	3	1	¾
114 "	0	3	0	2¾
113 "	0	3	0	1
112 "	0	2	1	3
111 "	0	2	1	1
110 to **100**.............	0	2	0	3¼
109 "	0	2	0	1¼
108 "	0	1	1	3⅓
107 "	0	1	1	1½
106 "	0	1	0	3½
105 to **100**.............	0	1	0	1⅔
104 "	0	0	1	3⅔
103 "	0	0	1	1¾
102 "	0	0	0	3¾
101 "	0	0	0	2
100 to **99**.............	0	0	0	2
" **98**.............	0	0	1	0
" **97**.............	0	0	1	2
" **96**.............	0	1	0	0
" **95**.............	0	1	0	2
100 to **94**.............	0	1	1	¼
" **93**.............	0	1	1	2½
" **92**.............	0	2	0	⅔
" **91**.............	0	2	0	3
" **90**.............	0	2	1	1⅓
100 to **89**.............	0	2	1	3¾
" **88**.............	0	3	0	2¼
" **87**.............	0	3	1	⅔
" **86**.............	0	3	1	3¼
" **85**.............	1	0	0	1¾
100 to **84**......	1	0	1	½
" **83**.............	1	0	1	3⅓
" **82**.............	1	1	0	2
" **81**.............	1	1	1	1
" **80**.............	1	2	0	0

TO REDUCE 7 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	1	0	0	1½
114 “	0	3	1	3⅓
113 “	0	3	1	1
112 “	0	3	0	2¾
111 “	0	3	0	⅔
110 to **100**	0	2	1	2⅓
109 “	0	2	1	¼
108 “	0	2	0	2
107 “	0	1	1	3⅔
106 “	0	1	1	1½
105 to **100**	0	1	0	3¼
104 “	0	1	0	1
103 “	0	0	1	2¾
102 “	0	0	1	½
101 “	0	0	0	2¼
100 to **99**	0	0	0	2¼
“ **98**	0	0	1	½
“ **97**	0	0	1	2
“ **96**	0	1	0	1⅓
“ **95**	0	1	0	3¾
100 to **94**	0	1	1	2⅓
“ **93**	0	2	0	¾
“ **92**	0	2	0	3½
“ **91**	0	2	1	2
“ **90**	0	3	0	¾
100 to **89**	0	3	0	3⅔
“ **88**	0	3	1	2½
“ **87**	1	0	0	1½
“ **86**	1	0	1	½
“ **85**	1	0	1	3½
100 to **84**	1	1	0	2⅔
“ **83**	1	1	1	1¾
“ **82**	1	2	0	1¼
“ **81**	1	2	1	½
“ **80**	1	3	0	0

TO REDUCE 8 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	1	0	1	2⅓
114 "	1	0	0	3¾
113 "	1	0	0	1¼
112 "	0	3	1	2¾
111 "	0	3	1	¼
110 to **100**	0	3	0	1⅔
109 "	0	2	1	3
108 "	0	2	1	½
107 "	0	2	0	2
106 "	0	1	1	3⅓
105 to **100**	0	1	1	¾
104 "	0	1	0	2¼
103 "	0	0	1	3⅔
102 "	0	0	1	1
101 "	0	0	0	2½
100 to **99**	0	0	0	2½
" **98**	0	0	1	1¼
" **97**	0	1	0	0
" **96**	0	1	0	2⅔
" **95**	0	1	1	1½
100 to **94**	0	2	0	⅓
" **93**	0	2	0	3¼
" **92**	0	2	1	2½
" **91**	0	3	0	1⅓
" **90**	0	3	1	½
100 to **89**	0	3	1	3⅔
" **88**	1	0	0	3
" **87**	1	0	1	2¼
" **86**	1	1	0	1⅔
" **85**	1	1	1	1¼
100 to **84**	1	2	0	¾
" **83**	1	2	1	½
" **82**	1	3	0	¼
" **81**	1	3	1	0
" **80**	2	0	0	0

TO REDUCE 9 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	1	1	0	3¼
114 "	1	1	0	⅓
113 "	1	0	1	1½
112 "	1	0	0	2½
111 "	0	3	1	3⅔
110 to **100**	0	3	1	¾
109 "	0	3	0	2
108 "	0	2	1	3
107 "	0	2	1	¼
106 "	0	2	0	1¼
105 to **100**	0	1	1	2⅓
104 "	0	1	0	3½
103 "	0	1	0	⅔
102 "	0	0	1	1¾
101 "	0	0	0	2¾
100 to **99**	0	0	0	3
" **98**	0	0	1	1¾
" **97**	0	1	0	1
" **96**	0	1	1	0
" **95**	0	1	1	3¼
100 to **94**	0	2	0	2⅓
" **93**	0	2	1	1⅔
" **92**	0	3	0	1
" **91**	0	3	1	½
" **90**	1	0	0	0
100 to **89**	1	0	0	3½
" **88**	1	0	1	3¼
" **87**	1	1	0	3
" **86**	1	1	1	2¾
" **85**	1	2	0	2¾
100 to **84**	1	2	1	2¾
" **83**	1	3	0	3
" **82**	1	3	1	3¼
" **81**	2	0	0	3½
" **80**	2	1	0	0

TO REDUCE 10 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	1	2	0	0
114 “	1	1	1	¾
113 “	1	1	0	1⅔
112 “	1	0	1	2⅓
111 “	1	0	0	3¼
110 to **100**	1	0	0	0
109 “	0	3	1	¾
108 “	0	3	0	1⅔
107 “	0	2	1	2⅓
106 “	0	2	0	3¼
105 to **100**	0	2	0	0
104 “	0	1	1	¾
103 “	0	1	0	1⅔
102 “	0	0	1	2⅓
101 “	0	0	0	3¼
100 to **99**	0	0	0	3¼
“ **98**	0	0	1	2½
“ **97**	0	1	0	1¾
“ **96**	0	1	1	1⅓
“ **95**	0	2	0	¾
100 to **94**	0	2	1	½
“ **93**	0	3	0	0
“ **92**	0	3	0	3¾
“ **91**	0	3	1	3⅔
“ **90**	1	0	0	3½
100 to **89**	1	0	1	3½
“ **88**	1	1	0	3⅔
“ **87**	1	1	1	3¾
“ **86**	1	2	1	0
“ **85**	1	3	0	½
100 to **84**	1	3	1	1
“ **83**	2	0	0	1½
“ **82**	2	0	1	2¼
“ **81**	2	1	0	3
“ **80**	2	2	0	0

TO REDUCE 11 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	1	2	1	¾
114 “	1	2	0	1¼
113 “	1	1	1	1¾
112 “	1	1	0	2¼
111 “	1	0	1	2¾
110 to **100**	1	0	0	3¼
109 “	0	3	1	3⅔
108 “	0	3	1	¼
107 “	0	3	0	⅔
106 “	0	2	1	1
105 to **100**	0	2	0	1⅔
104 “	0	1	1	2
103 “	0	1	0	2½
102 “	0	0	1	3
101 “	0	0	0	3½
100 to **99**	0	0	0	3½
“ **98**	0	0	1	3¼
“ **97**	0	1	0	2¾
“ **96**	0	1	1	2⅔
“ **95**	0	2	0	2½
100 to **94**	0	2	1	2½
“ **93**	0	3	0	2½
“ **92**	0	3	1	2⅔
“ **91**	1	0	0	2¾
“ **90**	1	0	1	3
100 to **89**	1	1	0	3½
“ **88**	1	2	0	0
“ **87**	1	2	1	½
“ **86**	1	3	0	1⅓
“ **85**	1	3	1	2
100 to **84**	2	0	0	3
“ **83**	2	1	0	0
“ **82**	2	1	1	1¼
“ **81**	2	2	0	2½
“ **80**	2	3	0	0

TO REDUCE 12 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	1	3	0	1⅔
114 “	1	2	1	1¾
113 “	1	2	0	2
112 “	1	1	1	2
111 “	1	1	0	2¼
110 to **100**	1	0	1	2⅓
109 “	1	0	0	2½
108 “	0	3	1	2¾
107 “	0	3	0	2¾
106 “	0	2	1	3
105 to **100**	0	2	0	3¼
104 “	0	1	1	3⅓
103 “	0	1	0	3½
102 “	0	0	1	3⅔
101 “	0	0	0	3¾
100 to **99**	0	0	0	3¾
“ **98**	0	0	1	3¾
“ **97**	0	1	0	3¾
“ **96**	0	2	0	0
“ **95**	0	2	1	¼
100 to **94**	0	3	0	½
“ **93**	0	3	1	1
“ **92**	1	0	0	1⅓
“ **91**	1	0	1	2
“ **90**	1	1	0	2⅔
100 to **89**	1	1	1	3½
“ **88**	1	2	1	⅓
“ **87**	1	3	0	1⅓
“ **86**	1	3	1	2½
“ **85**	2	0	0	3¾
100 to **84**	2	1	0	1¼
“ **83**	2	1	1	2⅔
“ **82**	2	2	1	¼
“ **81**	2	3	0	2
“ **80**	3	0	0	0

TO REDUCE 13 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	1	3	1	2⅓
114 “	1	3	0	2¼
113 “	1	2	1	2
112 “	1	2	0	2
111 “	1	1	1	1¾
110 to **100**	1	1	0	1⅔
109 “	1	0	1	1½
108 “	1	0	0	1¼
107 “	0	3	1	1
106 “	0	3	0	1
105 to **100**	0	2	1	¾
104 “	0	2	0	⅔
103 “	0	1	1	½
102 “	0	1	0	⅓
101 “	0	0	1	¼
100 to **99**	0	0	1	¼
“ **98**	0	1	0	½
“ **97**	0	1	1	¾
“ **96**	0	2	0	1⅓
“ **95**	0	2	1	1¾
100 to **94**	0	3	0	2½
“ **93**	0	3	1	3⅓
“ **92**	1	0	1	¼
“ **91**	1	1	0	1¼
“ **90**	1	1	1	2¼
100 to **89**	1	2	0	3½
“ **88**	1	3	0	¾
“ **87**	1	3	1	2¼
“ **86**	2	0	0	3¾
“ **85**	2	1	0	1½
100 to **84**	2	1	1	3¼
“ **83**	2	2	1	1¼
“ **82**	2	3	0	3⅓
“ **81**	3	0	0	1½
“ **80**	3	1	0	0

TO REDUCE 14 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	2	0	0	3¼
114 "	1	3	1	2¾
113 "	1	3	0	2¼
112 "	1	2	1	1¾
111 "	1	2	0	1¼
110 to **100**	1	1	1	¾
109 "	1	1	0	⅓
108 "	1	0	0	3¾
107 "	0	3	1	3⅓
106 "	0	3	0	2¾
105 to **100**	0	2	1	2⅓
104 "	0	2	0	2
103 "	0	1	1	1½
102 "	0	1	0	1
101 "	0	0	1	½
100 to **99**	0	0	1	½
" **98**	0	1	0	1¼
" **97**	0	1	1	1¾
" **96**	0	2	0	2⅔
" **95**	0	2	1	3½
100 to **94**	0	3	1	½
" **93**	1	0	0	1¾
" **92**	1	0	1	3
" **91**	1	1	1	⅓
" **90**	1	2	0	1¾
100 to **89**	1	2	1	3⅓
" **88**	1	3	1	1
" **87**	2	0	0	3
" **86**	2	1	0	1
" **85**	2	1	1	3
100 to **84**	2	2	1	1⅓
" **83**	2	3	0	3¾
" **82**	3	0	0	2⅓
" **81**	3	1	0	1
" **80**	3	2	0	0

TO REDUCE 15 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	2	1	0	0
114 “	2	0	0	3¼
113 “	1	3	1	2⅓
112 “	1	3	0	1⅔
111 “	1	2	1	¾
110 to **100**	1	2	0	0
109 “	1	1	0	3¼
108 “	1	0	1	2⅓
107 “	1	0	0	1⅔
106 “	0	3	1	¾
105 to **100**	0	3	0	0
104 “	0	2	0	3¼
103 “	0	1	1	2⅓
102 “	0	1	0	1⅔
101 “	0	0	1	¾
100 to **99**	0	0	1	¾
“ **98**	0	1	0	1¾
“ **97**	0	1	1	2¾
“ **96**	0	2	1	0
“ **95**	0	3	0	1¼
100 to **94**	0	3	1	2⅔
“ **93**	1	0	1	¼
“ **92**	1	1	0	1¾
“ **91**	1	1	1	3½
“ **90**	1	2	1	1⅓
100 to **89**	1	3	0	3⅓
“ **88**	2	0	0	1½
“ **87**	2	0	1	3¾
“ **86**	2	1	1	2¼
“ **85**	2	2	1	¾
100 to **84**	2	3	0	3½
“ **83**	3	0	0	2⅓
“ **82**	3	1	0	1⅓
“ **81**	3	2	0	½
“ **80**	3	3	0	0

TO REDUCE 16 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	2	1	1	¾
114 “	2	0	1	3⅔
113 “	2	0	0	2½
112 “	1	3	1	1½
111 “	1	3	0	⅓
110 to **100**	1	2	0	3¼
109 “	1	1	1	2
108 “	1	1	0	1
107 “	1	0	0	3¾
106 “	0	3	1	2¾
105 to **100**	0	3	0	1⅔
104 “	0	2	1	½
103 “	0	1	1	3⅓
102 “	0	1	0	2¼
101 “	0	0	1	1
100 to **99**	0	0	1	1¼
“ **98**	0	1	0	2½
“ **97**	0	1	1	3¾
“ **96**	0	2	1	1⅓
“ **95**	0	3	0	3
100 to **94**	1	0	0	⅔
“ **93**	1	0	1	2½
“ **92**	1	1	1	½
“ **91**	1	2	0	2⅔
“ **90**	1	3	0	¾
100 to **89**	1	3	1	3¼
“ **88**	2	0	1	1¾
“ **87**	2	1	1	½
“ **86**	2	2	0	3⅓
“ **85**	2	3	0	2⅓
100 to **84**	3	0	0	1½
“ **83**	3	1	0	¾
“ **82**	3	2	0	⅓
“ **81**	3	3	0	0
“ **80**	4	0	0	0

TO REDUCE 17 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	2	2	0	1⅓
114 “	2	1	1	¼
113 “	2	0	1	2¾
112 “	2	0	0	1¼
111 “	1	3	0	3¾
110 to **100**	1	2	1	2⅓
109 “	1	2	0	1
108 “	1	1	0	3½
107 “	1	0	1	2
106 “	1	0	0	⅔
105 to **100**	0	3	0	3¼
104 “	0	2	1	1¾
103 “	0	2	0	⅓
102 “	0	1	0	2¾
101 “	0	0	1	1½
100 to **99**	0	0	1	1½
“ **98**	0	1	0	3
“ **97**	0	2	0	¾
“ **96**	0	2	1	2⅔
“ **95**	0	3	1	⅔
100 to **94**	1	0	0	2¾
“ **93**	1	1	0	1
“ **92**	1	1	1	3⅓
“ **91**	1	2	1	1¾
“ **90**	1	3	1	½
100 to **89**	2	0	0	3¼
“ **88**	2	1	0	2¼
“ **87**	2	2	0	1½
“ **86**	2	3	0	½
“ **85**	3	0	0	0
100 to **84**	3	0	1	3⅔
“ **83**	3	1	1	3½
“ **82**	3	2	1	3½
“ **81**	3	3	1	3⅔
“ **80**	4	1	0	0

TO REDUCE 18 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	2	2	1	2⅓
114 “	2	2	0	⅔
113 “	2	1	0	2¾
112 “	2	0	1	1
111 “	1	3	1	3⅓
110 to **100**	1	3	0	1⅔
109 “	1	2	0	3¾
108 “	1	1	1	2
107 “	1	1	0	⅓
106 “	1	0	0	2½
105 to **100**	0	3	1	¾
104 “	0	2	1	3
103 “	0	2	0	1¼
102 “	0	1	0	3½
101 “	0	0	1	1¾
100 to **99**	0	0	1	1¾
“ **98**	0	1	0	3¾
“ **97**	0	2	0	1¾
“ **96**	0	3	0	0
“ **95**	0	3	1	2⅓
100 to **94**	1	0	1	¾
“ **93**	1	1	0	3⅓
“ **92**	1	2	0	2
“ **91**	1	3	0	1
“ **90**	2	0	0	0
100 to **89**	2	0	1	3¼
“ **88**	2	1	1	2½
“ **87**	2	2	1	2
“ **86**	2	3	1	1¾
“ **85**	3	0	1	1⅔
100 to **84**	3	1	1	1¾
“ **83**	3	2	1	2
“ **82**	3	3	1	2⅓
“ **81**	4	0	1	3
“ **80**	4	2	0	0

TO REDUCE 19 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	2	3	0	3¼
114 “	2	2	1	1
113 “	2	1	1	3
112 “	2	1	0	1
111 “	2	0	0	2¾
110 to **100**	1	3	1	¾
109 “	1	2	1	2¾
108 “	1	2	0	⅔
107 “	1	1	0	2½
106 “	1	0	1	½
105 to **100**	0	3	1	2⅓
104 “	0	3	0	⅓
103 “	0	2	0	2¼
102 “	0	1	1	¼
101 “	0	0	1	2
100 to **99**	0	0	1	2¼
“ **98**	0	1	1	½
“ **97**	0	2	0	2¾
“ **96**	0	3	0	1⅓
“ **95**	1	0	0	0
100 to **94**	1	0	1	2¾
“ **93**	1	1	1	1¾
“ **92**	1	2	1	¾
“ **91**	1	3	1	¼
“ **90**	2	0	0	3½
100 to **89**	2	1	0	3¼
“ **88**	2	2	0	3
“ **87**	2	3	0	2¾
“ **86**	3	0	0	3
“ **85**	3	1	0	3⅓
100 to **84**	3	2	0	3¾
“ **83**	3	3	1	½
“ **82**	4	0	1	1½
“ **81**	4	1	1	2⅔
“ **80**	4	3	0	0

TO REDUCE 20 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	3	0	0	0
114 “	2	3	0	1⅔
113 “	2	2	0	3¼
112 “	2	1	1	¾
111 “	2	0	1	2⅓
110 to **100**	2	0	0	0
109 “	1	3	0	1⅔
108 “	1	2	0	3¼
107 “	1	1	1	¾
106 “	1	0	1	2⅓
105 to **100**	1	0	0	0
104 “	0	3	0	1⅔
103 “	0	2	0	3¼
102 “	0	1	1	¾
101 “	0	0	1	2⅓
100 to **99**	0	0	1	2½
“ **98**	0	1	1	1
“ **97**	0	2	0	3¾
“ **96**	0	3	0	2⅔
“ **95**	1	0	0	1⅔
100 to **94**	1	1	0	¾
“ **93**	1	2	0	¼
“ **92**	1	2	1	3⅔
“ **91**	1	3	1	3¼
“ **90**	2	0	1	3
100 to **89**	2	1	1	3
“ **88**	2	2	1	3¼
“ **87**	2	3	1	3⅔
“ **86**	3	1	0	¼
“ **85**	3	2	0	1
100 to **84**	3	3	0	2
“ **83**	4	0	0	3
“ **82**	4	1	1	½
“ **81**	4	2	1	2¼
“ **80**	5	0	0	0

TO REDUCE 21 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	3	0	1	¾
114 “	2	3	1	2
113 “	2	2	1	3⅓
112 “	2	2	0	⅔
111 “	2	1	0	2
110 to **100**	2	0	0	3¼
109 “	1	3	1	½
108 “	1	2	1	1¾
107 “	1	1	1	3
106 “	1	1	0	⅓
105 to **100**	1	0	0	1⅔
104 “	0	3	0	2¾
103 “	0	2	1	¼
102 “	0	1	1	1½
101 “	0	0	1	2¾
100 to **99**	0	0	1	2¾
“ **98**	0	1	1	1¾
“ **97**	0	2	1	¾
“ **96**	0	3	1	0
“ **95**	1	0	0	3⅓
100 to **94**	1	1	0	3
“ **93**	1	2	0	2½
“ **92**	1	3	0	2½
“ **91**	2	0	0	2½
“ **90**	2	1	0	2⅔
100 to **89**	2	2	0	3
“ **88**	2	3	0	3⅔
“ **87**	3	0	1	½
“ **86**	3	1	1	1⅓
“ **85**	3	2	1	2½
100 to **84**	4	0	0	0
“ **83**	4	1	0	1⅔
“ **82**	4	2	0	3½
“ **81**	4	3	1	1⅔
“ **80**	5	1	0	0

TO REDUCE 22 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	3	1	0	1⅔
114 "	3	0	0	2½
113 "	2	3	0	3½
112 "	2	2	1	½
111 "	2	1	1	1½
110 to **100**	2	0	1	2⅓
109 "	1	3	1	3⅓
108 "	1	3	0	⅓
107 "	1	2	0	1¼
106 "	1	1	0	2¼
105 to **100**	1	0	0	3¼
104 "	0	3	1	¼
103 "	0	2	1	1
102 "	0	1	1	2
101 "	0	0	1	3
100 to **99**	0	0	1	3
" **98**	0	1	1	2⅓
" **97**	0	2	1	1¾
" **96**	0	3	1	1⅓
" **95**	1	0	1	1
100 to **94**	1	1	1	1
" **93**	1	2	1	1
" **92**	1	3	1	1¼
" **91**	2	0	1	1⅔
" **90**	2	1	1	2¼
100 to **89**	2	2	1	3
" **88**	3	0	0	0
" **87**	3	1	0	1¼
" **86**	3	2	0	2⅔
" **85**	3	3	1	¼
100 to **84**	4	0	1	2
" **83**	4	2	0	¼
" **82**	4	3	0	2½
" **81**	5	0	1	1¼
" **80**	5	2	0	0

TO REDUCE 23 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	3	1	1	2½
114 “	3	0	1	3
113 “	2	3	1	3⅔
112 “	2	3	0	⅓
111 “	2	2	0	1
110 to **100**	2	1	0	1⅔
109 “	2	0	0	2¼
108 “	1	3	0	2¾
107 “	1	2	0	3½
106 “	1	1	1	¼
105 to **100**	1	0	1	¾
104 “	0	3	1	1½
103 “	0	2	1	2
102 “	0	1	1	2¾
101 “	0	0	1	3⅓
100 to **99**	0	0	1	3½
“ **98**	0	1	1	3
“ **97**	0	2	1	2¾
“ **96**	0	3	1	2⅔
“ **95**	1	0	1	2¾
100 to **94**	1	1	1	3
“ **93**	1	2	1	3⅓
“ **92**	2	0	0	0
“ **91**	2	1	0	¾
“ **90**	2	2	0	1¾
100 to **89**	2	3	0	3
“ **88**	3	0	1	⅓
“ **87**	3	1	1	2
“ **86**	3	2	1	3¾
“ **85**	4	0	0	1¾
100 to **84**	4	1	1	¼
“ **83**	4	2	1	2¾
“ **82**	5	0	0	1½
“ **81**	5	1	1	⅔
“ **80**	5	3	0	0

TO REDUCE 24 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**.............	3	2	0	3¼
114 "	3	1	0	3½
113 "	3	0	0	3¾
112 "	2	3	1	¼
111 "	2	2	1	½
110 to **100**.............	2	1	1	¾
109 "	2	0	1	1
108 "	1	3	1	1½
107 "	1	2	1	1¾
106 "	1	1	1	2
105 to **100**........... .	1	0	1	2⅓
104 "	0	3	1	2¾
103 "	0	2	1	3
102 "	0	1	1	3⅓
101 "	0	0	1	3⅔
100 to **99**..............	0	0	1	3¾
" **98**..............	0	1	1	3⅔
" **97**..............	0	2	1	3¾
" **96**..............	1	0	0	0
" **95**..............	1	1	0	½
100 to **94**....	1	2	0	1
" **93**.........	1	3	0	1¾
" **92**..............	2	0	0	2¾
" **91**..............	2	1	1	0
" **90**..............	2	2	1	1⅓
100 to **89**.........	2	3	1	3
" **88**..............	3	1	0	¾
" **87**..............	3	2	0	2¾
" **86**..............	3	3	1	1
" **85**..............	4	0	1	3½
100 to **84**..............	4	2	0	2¼
" **83**..............	4	3	1	1⅓
" **82**..............	5	1	0	½
" **81**..............	5	2	1	¼
" **80**..............	6	0	0	0

TO REDUCE 25 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	3	3	0	0
114 “	3	2	0	0
113 “	3	1	0	0
112 “	3	0	0	0
111 “	2	3	0	0
110 to **100**	2	2	0	0
109 “	2	1	0	0
108 “	2	0	0	0
107 “	1	3	0	0
106 “	1	2	0	0
105 to **100**	1	1	0	0
104 “	1	0	0	0
103 “	0	3	0	0
102 “	0	2	0	0
101 “	0	1	0	0
100 to **99**	0	1	0	0
“ **98**	0	2	0	⅔
“ **97**	0	3	0	¾
“ **96**	1	0	0	1⅓
“ **95**	1	1	0	2¼
100 to **94**	1	2	0	3
“ **93**	1	3	1	¼
“ **92**	2	0	1	1½
“ **91**	2	1	1	3¼
“ **90**	2	3	0	1
100 to **89**	3	0	0	3
“ **88**	3	1	1	1
“ **87**	3	2	1	3½
“ **86**	4	0	0	2¼
“ **85**	4	1	1	1¼
100 to **84**	4	3	0	⅓
“ **83**	5	0	0	3¾
“ **82**	5	1	1	3⅔
“ **81**	5	3	0	3⅔
“ **80**	6	1	0	0

TO REDUCE 26 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	3	3	1	¾
114 “	3	2	1	½
113 “	3	1	1	¼
112 “	3	0	0	3¾
111 “	2	3	0	3½
110 to **100**	2	2	0	3¼
109 “	2	1	0	2¾
108 “	2	0	0	2½
107 “	1	3	0	2¼
106 “	1	2	0	2
105 to **100**	1	1	0	1⅔
104 “	1	0	0	1¼
103 “	0	3	0	1
102 “	0	2	0	⅔
101 “	0	1	0	⅓
100 to **99**	0	1	0	½
“ **98**	0	2	0	1
“ **97**	0	3	0	1¾
“ **96**	1	0	0	2⅔
“ **95**	1	1	0	3¾
100 to **94**	1	2	1	1
“ **93**	1	3	1	2⅔
“ **92**	2	1	0	⅓
“ **91**	2	2	0	2¼
“ **90**	2	3	1	½
100 to **89**	3	0	1	2¾
“ **88**	3	2	0	1½
“ **87**	3	3	1	⅓
“ **86**	4	0	1	3½
“ **85**	4	2	0	2¾
100 to **84**	4	3	1	2½
“ **83**	5	1	0	2½
“ **82**	5	2	1	2⅔
“ **81**	6	0	0	3¼
“ **80**	6	2	0	0

TO REDUCE 27 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	4	0	0	1⅔
114 “	3	3	0	1
113 “	3	2	0	⅓
112 “	3	0	1	3⅔
111 “	2	3	1	3
110 to **100**	2	2	1	2⅓
109 “	2	1	1	1¾
108 “	2	0	1	1¼
107 “	1	3	1	½
106 “	1	2	0	3¾
105 to **100**	1	1	0	3¼
104 “	1	0	0	2½
103 “	0	3	0	2
102 “	0	2	0	1¼
101 “	0	1	0	⅔
100 to **99**	0	1	0	¾
“ **98**	0	2	0	1⅔
“ **97**	0	3	0	2¾
“ **96**	1	0	1	0
“ **95**	1	1	1	1½
100 to **94**	1	2	1	3¼
“ **93**	2	0	0	1
“ **92**	2	1	0	3¼
“ **91**	2	2	1	1½
“ **90**	3	0	0	0
100 to **89**	3	1	0	2¾
“ **88**	3	2	1	1¾
“ **87**	4	0	0	1
“ **86**	4	1	1	⅔
“ **85**	4	3	0	¾
100 to **84**	5	0	1	½
“ **83**	5	2	0	1
“ **82**	5	3	1	1⅔
“ **81**	6	1	0	2⅔
“ **80**	6	3	0	0

TO REDUCE 28 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	4	0	1	2⅓
114 “	3	3	1	1½
113 “	3	2	1	½
112 “	3	1	0	3½
111 “	3	0	0	2½
110 to **100**	2	3	0	1⅔
109 “	2	2	0	⅔
108 “	2	0	1	3⅔
107 “	1	3	1	2¾
106 “	1	2	1	1¾
105 to **100**	1	1	1	¾
104 “	1	0	0	3¾
103 “	0	3	0	2¾
102 “	0	2	0	2
101 “	0	1	0	1
100 to **99**	0	1	0	1
“ **98**	0	2	0	2¼
“ **97**	0	3	0	3¾
“ **96**	1	0	1	1⅓
“ **95**	1	1	1	3¼
100 to **94**	1	3	0	1¼
“ **93**	2	0	0	3½
“ **92**	2	1	1	2
“ **91**	2	3	0	⅔
“ **90**	3	0	0	3½
100 to **89**	3	1	1	2¾
“ **88**	3	3	0	2¼
“ **87**	4	0	1	2
“ **86**	4	2	0	2
“ **85**	4	3	1	2¼
100 to **84**	5	1	0	2⅔
“ **83**	5	2	1	3½
“ **82**	6	0	1	¾
“ **81**	6	2	0	2¼
“ **80**	7	0	0	0

TO REDUCE 29 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	4	1	0	3¼
114 “	4	0	0	2
113 “	3	3	0	⅔
112 “	3	1	1	3⅓
111 “	3	0	1	2
110 to **100**	2	3	1	¾
109 “	2	2	0	3½
108 “	2	1	0	2¼
107 “	2	0	0	1
106 “	1	2	1	3⅔
105 to **100**	1	1	1	2½
104 “	1	0	1	1¼
103 “	0	3	0	3¾
102 “	0	2	0	2½
101 “	0	1	0	1¼
100 to **99**	0	1	0	1⅓
“ **98**	0	2	0	3
“ **97**	0	3	1	¾
“ **96**	1	0	1	2⅔
“ **95**	1	2	0	¾
100 to **94**	1	3	0	3¼
“ **93**	2	0	1	1¾
“ **92**	2	2	0	¾
“ **91**	2	3	0	3¾
“ **90**	3	0	1	3¼
100 to **89**	3	2	0	2⅔
“ **88**	3	3	1	2½
“ **87**	4	1	0	2⅔
“ **86**	4	2	1	3
“ **85**	5	0	0	3¾
100 to **84**	5	2	0	¾
“ **83**	5	3	1	2
“ **82**	6	1	0	3¾
“ **81**	6	3	0	1⅔
“ **80**	7	1	0	0

TO REDUCE 30 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	4	2	0	0
114 "	4	0	1	2⅓
113 "	3	3	1	¾
112 "	3	2	0	3¼
111 "	3	1	0	1⅔
110 to **100**	3	0	0	0
109 "	2	2	1	2⅓
108 "	2	1	1	¾
107 "	2	0	0	3¼
106 "	1	3	0	1⅔
105 to **100**	1	2	0	0
104 "	1	0	1	2⅓
103 "	0	3	1	¾
102 "	0	2	0	3¼
101 "	0	1	0	1⅔
100 to **99**	0	1	0	1⅔
" **98**	0	2	0	3½
" **97**	0	3	1	1⅔
" **96**	1	1	0	0
" **95**	1	2	0	2½
100 to **94**	1	3	1	1¼
" **93**	2	1	0	¼
" **92**	2	2	0	3½
" **91**	2	3	1	3
" **90**	3	1	0	2⅔
100 to **89**	3	2	1	2⅔
" **88**	4	0	0	3
" **87**	4	1	1	3½
" **86**	4	3	1	¼
" **85**	5	1	0	1½
100 to **84**	5	2	1	2¾
" **83**	6	0	1	⅔
" **82**	6	2	0	2¾
" **81**	7	0	0	1¼
" **80**	7	2	0	0

TO REDUCE 31 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	4	2	1	¾
114 “	4	1	0	3
113 “	4	0	0	1
112 “	3	2	1	3
111 “	3	1	1	1¼
110 to **100**	3	0	0	3¼
109 “	2	3	0	1¼
108 “	2	1	1	3⅓
107 “	2	0	1	1½
106 “	1	3	0	3½
105 to **100**	1	2	0	1⅔
104 “	1	0	1	3⅔
103 “	0	3	1	1¾
102 “	0	2	0	3¾
101 “	0	1	0	2
100 to **99**	0	1	0	2
“ **98**	0	2	1	¼
“ **97**	0	3	1	2⅔
“ **96**	1	1	0	1⅓
“ **95**	1	2	1	¼
100 to **94**	1	3	1	3⅓
‘ **93**	2	1	0	2⅔
“ **92**	2	2	1	2¼
“ **91**	3	0	0	2¼
“ **90**	3	1	1	2¼
100 to **89**	3	3	0	2⅔
“ **88**	4	0	1	3¼
“ **87**	4	2	1	¼
“ **86**	5	0	0	1½
“ **85**	5	1	1	3
100 to **84**	5	3	1	1
“ **83**	6	1	0	3¼
“ **82**	6	3	0	1¾
“ **81**	7	1	0	⅔
“ **80**	7	3	0	0

TO REDUCE 32 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	4	3	0	1⅔
114 “	4	1	1	3⅓
113 “	4	0	1	1¼
112 “	3	3	0	2¾
111 “	3	2	0	⅔
110 to **100**	3	0	1	2⅓
109 “	2	3	1	¼
108 “	2	2	0	2
107 “	2	0	1	3⅔
106 “	1	3	1	1½
105 to **100**	1	2	0	3¼
104 “	1	1	0	1
103 “	0	3	1	2¾
102 “	0	2	1	½
101 “	0	1	0	2¼
100 to **99**	0	1	0	2⅓
“ **98**	0	2	1	1
“ **97**	0	3	1	3⅔
“ **96**	1	1	0	2⅔
“ **95**	1	2	1	2
100 to **94**	2	0	0	1⅓
“ **93**	2	1	1	1
“ **92**	2	3	0	1
“ **91**	3	0	1	1¼
“ **90**	3	2	0	1¾
100 to **89**	3	3	1	2½
“ **88**	4	1	0	3⅔
“ **87**	4	3	0	1
“ **86**	5	0	1	2¾
“ **85**	5	2	1	¾
100 to **84**	6	0	0	3
“ **83**	6	2	0	1¾
“ **82**	7	0	0	¾
“ **81**	7	2	0	¼
“ **80**	8	0	0	0

TO REDUCE 33 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	4	3	1	2⅓
114 “	4	2	0	3¾
113 “	4	1	0	1¼
112 “	3	3	1	2¾
111 “	3	2	1	¼
110 to **100**	3	1	0	1⅔
109 “	2	3	1	3
108 “	2	2	1	½
107 “	2	1	0	2
106 “	1	3	1	3⅓
105 to **100**	1	2	1	¾
104 “	1	1	0	2¼
103 “	0	3	1	3⅔
102 “	0	2	1	1¼
101 “	0	1	0	2½
100 to **99**	0	1	0	2⅔
“ **98**	0	2	1	1½
“ **97**	1	0	0	⅔
“ **96**	1	1	1	0
“ **95**	1	2	1	3½
100 to **94**	2	0	0	3½
“ **93**	2	1	1	3½
“ **92**	2	3	0	3¾
“ **91**	3	1	0	½
“ **90**	3	2	1	1⅓
100 to **89**	4	0	0	2½
“ **88**	4	2	0	0
“ **87**	4	3	1	1¾
“ **86**	5	1	1	0
“ **85**	5	3	0	2⅓
100 to **84**	6	1	0	1¼
“ **83**	6	3	0	¼
“ **82**	7	0	1	3¾
“ **81**	7	2	1	3⅔
“ **80**	8	1	0	0

TO REDUCE 34 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	5	0	0	3¼
114 "	4	3	0	⅓
113 "	4	1	1	1½
112 "	4	0	0	2½
111 "	3	2	1	3⅔
110 to **100**	3	1	1	¾
109 "	3	0	0	2
108 "	2	2	1	3
107 "	2	1	1	¼
106 "	2	0	0	1¼
105 to **100**	1	2	1	2⅓
104 "	1	1	0	3½
103 "	1	0	0	⅔
102 "	0	2	1	1¾
101 "	0	1	0	2¾
100 to **99**	0	1	0	3
" **98**	0	2	1	2¼
" **97**	1	0	0	1⅔
" **96**	1	1	1	1⅓
" **95**	1	3	0	1¼
100 to **94**	2	0	1	1½
" **93**	2	2	0	2
" **92**	2	3	1	2⅔
" **91**	3	1	0	3⅔
" **90**	3	3	0	¾
100 to **89**	4	0	1	2½
" **88**	4	2	1	⅓
" **87**	5	0	0	2½
" **86**	5	2	0	1¼
" **85**	6	0	0	0
100 to **84**	6	1	1	3½
" **83**	6	3	1	2¾
" **82**	7	1	1	3
" **81**	7	3	1	3¼
" **80**	8	2	0	0

TO REDUCE 35 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	5	1	0	0
114 “	4	3	1	¾
113 “	4	2	0	1⅔
112 “	4	0	1	2⅓
111 “	3	3	0	3¼
110 to **100**	3	2	0	0
109 “	3	0	1	¾
108 “	2	3	0	1⅔
107 “	2	1	1	2⅓
106 “	2	0	0	3¼
105 to **100**	1	3	0	0
104 “	1	1	1	¾
103 “	1	0	0	1⅔
102 “	0	2	1	2⅓
101 “	0	1	0	3¼
100 to **99**	0	1	0	3⅓
“ **98**	0	2	1	2¾
“ **97**	1	0	0	2⅔
“ **96**	1	1	1	2⅔
“ **95**	1	3	0	3
100 to **94**	2	0	1	3½
‘ **93**	2	2	1	⅓
“ **92**	3	0	0	1⅓
“ **91**	3	1	1	2¾
“ **90**	3	3	1	½
100 to **89**	4	1	0	2½
“ **88**	4	3	0	¾
“ **87**	5	0	1	3⅓
“ **86**	5	2	1	2⅓
“ **85**	6	0	1	1⅔
100 to **84**	6	2	1	1⅓
“ **83**	7	0	1	1⅓
“ **82**	7	2	1	1¾
“ **81**	8	0	1	2¾
“ **80**	8	3	0	0

TO REDUCE 36 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	5	1	1	¾
114 “	5	0	0	1¼
113 “	4	2	1	1¾
112 “	4	1	0	2¼
111 “	3	3	1	2¾
110 to **100**	3	2	0	3¼
109 “	3	0	1	3⅔
108 “	2	3	1	¼
107 “	2	2	0	⅔
106 “	2	0	1	1¼
105 to **100**	1	3	0	1⅔
104 “	1	1	1	2
103 “	1	0	0	2½
102 “	0	2	1	3
101 “	0	1	0	3½
100 to **99**	0	1	0	3⅔
“ **98**	0	2	1	3½
“ **97**	1	0	0	3⅔
“ **96**	1	2	0	0
“ **95**	1	3	1	⅔
100 to **94**	2	1	0	1½
“ **93**	2	2	1	2¾
“ **92**	3	0	1	¼
“ **91**	3	2	0	2
“ **90**	4	0	0	0
100 to **89**	4	1	1	2⅓
“ **88**	4	3	1	1
“ **87**	5	1	1	¼
“ **86**	5	3	0	3½
“ **85**	6	1	0	3¼
100 to **84**	6	3	0	3½
“ **83**	7	1	1	0
“ **82**	7	3	1	1
“ **81**	8	1	1	2¼
“ **80**	9	0	0	0

TO REDUCE 37 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	5	2	0	1⅔
114 “	5	0	1	1¾
113 “	4	3	0	2
112 “	4	1	1	2
111 “	4	0	0	2¼
110 to **100**	3	2	1	2⅓
109 “	3	1	0	2½
108 “	2	3	1	2¾
107 “	2	2	0	2¾
106 “	2	0	1	3
105 to **100**	1	3	0	3¼
104 “	1	1	1	3⅓
103 “	1	0	0	3½
102 “	0	2	1	3⅔
101 “	0	1	0	3¾
100 to **99**	0	1	1	0
“ **98**	0	3	0	¼
“ **97**	1	0	1	⅔
“ **96**	1	2	0	1⅓
“ **95**	1	3	1	2⅓
100 to **94**	2	1	0	3½
“ **93**	2	3	0	1¼
“ **92**	3	0	1	3
“ **91**	3	2	1	1¼
“ **90**	4	0	0	3½
100 to **89**	4	2	0	2⅓
“ **88**	5	0	0	1½
“ **87**	5	2	0	1
“ **86**	6	0	0	¾
“ **85**	6	2	0	1
100 to **84**	7	0	0	1½
“ **83**	7	2	0	2½
“ **82**	8	0	1	0
“ **81**	8	2	1	1¾
“ **80**	9	1	0	0

TO REDUCE 38 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	5	2	1	2½
114 “	5	1	0	2¼
113 “	4	3	1	2
112 “	4	2	0	2
111 “	4	0	1	1¾
110 to **100**	3	3	0	1⅔
109 “	3	1	1	1½
108 “	3	0	0	1¼
107 “	2	2	1	1¼
106 “	2	1	0	1
105 to **100**	1	3	1	¾
104 “	1	2	0	⅔
103 “	1	0	1	½
102 “	0	3	0	⅓
101 “	0	1	1	¼
100 to **99**	0	1	1	¼
“ **98**	0	3	0	¾
“ **97**	1	0	1	1⅔
“ **96**	1	2	0	2⅔
“ **95**	2	0	0	0
100 to **94**	2	1	1	1⅔
“ **93**	2	3	0	3½
“ **92**	3	1	0	1¾
“ **91**	3	3	0	¼
“ **90**	4	0	1	3¼
100 to **89**	4	2	1	2¼
“ **88**	5	0	1	1¾
“ **87**	5	2	1	1¾
“ **86**	6	0	1	2
“ **85**	6	2	1	2½
100 to **84**	7	0	1	3⅔
“ **83**	7	3	0	1
“ **82**	8	1	0	3
“ **81**	8	3	1	1¼
“ **80**	9	2	0	0

TO REDUCE 39 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**............	5	3	0	3¼
114 “	5	1	1	2¾
113 “	5	0	0	2¼
112 “	4	2	1	1¾
111 “	4	1	0	1¼
110 to **100**............	3	3	1	¾
109 “	3	2	0	⅓
108 “	3	0	0	3¾
107 “	2	2	1	3⅓
106 “	2	1	0	2¾
105 to **100**.....	1	3	1	2⅓
104 “	1	2	0	2
103 “	1	0	1	1½
102 “	0	3	0	1
101 “	0	1	1	½
100 to **99**.............	0	1	1	⅔
“ **98**.............	0	3	0	1½
“ **97**.............	1	0	1	2⅔
“ **96**.............	1	2	1	0
“ **95**.............	2	0	0	1⅔
100 to **94**.............	2	1	1	3⅔
“ **93**.............	2	3	1	2
“ **92**.............	3	1	1	½
“ **91**.............	3	3	0	3½
“ **90**.............	4	1	0	2⅔
100 to **89**.............	4	3	0	2¼
“ **88**.............	5	1	0	2¼
“ **87**.............	5	3	0	2½
“ **86**.............	6	1	0	3¼
“ **85**.............	6	3	1	¼
100 to **84**.............	7	1	0	1¾
“ **83**.............	7	3	1	3⅔
“ **82**.............	8	2	0	2
“ **81**.............	9	0	1	¾
“ **80**.............	9	3	0	0

TO REDUCE 40 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	6	0	0	0
114 “	5	2	0	3¼
113 “	5	0	1	2⅓
112 “	4	3	0	1⅔
111 “	4	1	1	¾
110 to **100**	4	0	0	0
109 “	3	2	0	3¼
108 “	3	0	1	2⅓
107 “	2	3	0	1⅔
106 “	2	1	1	¾
105 to **100**	2	0	0	0
104 “	1	2	0	3¼
103 “	1	0	1	2⅓
102 “	0	3	0	1⅔
101 “	0	1	1	¾
100 to **99**	0	1	1	1
“ **98**	0	3	0	2¼
“ **97**	1	0	1	3½
“ **96**	1	2	1	1⅓
“ **95**	2	0	0	3⅓
100 to **94**	2	2	0	1¾
“ **93**	3	0	0	⅓
“ **92**	3	1	1	3⅓
“ **91**	3	3	1	2½
“ **90**	4	1	1	2¼
100 to **89**	4	3	1	2¼
“ **88**	5	1	1	2½
“ **87**	5	3	1	3¼
“ **86**	6	2	0	⅓
“ **85**	7	0	0	2
100 to **84**	7	2	0	3¾
“ **83**	8	0	1	2¼
“ **82**	8	3	0	1
“ **81**	9	1	1	¼
“ **80**	10	0	0	0

TO REDUCE 41 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	6	0	1	¾
114 “	5	2	1	2⅔
113 “	5	1	0	2½
112 “	4	3	1	1½
111 “	4	2	0	⅓
110 to **100**	4	0	0	3¼
109 “	3	2	1	2
108 “	3	1	0	1
107 “	2	3	0	3¾
106 “	2	1	1	2¾
105 to **100**	2	0	0	1⅔
104 “	1	2	1	½
103 “	1	0	1	3⅓
102 “	0	3	0	2¼
101 “	0	1	1	1¼
100 to **99**	0	1	1	1¼
“ **98**	0	3	0	2¾
“ **97**	1	1	0	⅔
“ **96**	1	2	1	2⅔
“ **95**	2	0	1	1
100 to **94**	2	2	0	3¾
‘ **93**	3	0	0	2¾
“ **92**	3	2	0	2
“ **91**	4	0	0	1¾
“ **90**	4	2	0	1¾
100 to **89**	5	0	0	2¼
“ **88**	5	2	0	3
“ **87**	6	0	1	0
“ **86**	6	2	1	1⅔
“ **85**	7	0	1	3½
100 to **84**	7	3	0	2
“ **83**	8	1	1	¾
“ **82**	9	0	0	0
“ **81**	9	2	0	3¾
“ **80**	10	1	0	0

TO REDUCE 42 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	6	1	0	1⅔
114 "	5	3	1	¼
113 "	5	1	1	2¾
112 "	5	0	0	1¼
111 "	4	2	0	3¾
110 to **100**	4	0	1	2⅓
109 "	3	3	0	1
108 "	3	1	0	3½
107 "	2	3	1	2
106 "	2	2	0	⅔
105 to **100**	2	0	0	3¼
104 "	1	2	1	1¾
103 "	1	1	0	⅓
102 "	0	3	0	2¾
101 "	0	1	1	1½
100 to **99**	0	1	1	1½
" **98**	0	3	0	3½
" **97**	1	1	0	1½
" **96**	1	3	0	0
" **95**	2	0	1	2¾
100 to **94**	2	2	1	1¾
" **93**	3	0	1	1¼
" **92**	3	2	1	¾
" **91**	4	0	1	1
" **90**	4	2	1	1⅓
100 to **89**	5	0	1	2¼
" **88**	5	2	1	3¼
" **87**	6	1	0	¾
" **86**	6	3	0	2¾
" **85**	7	1	1	1¼
100 to **84**	8	0	0	0
" **83**	8	2	0	3¼
" **82**	9	0	1	3
" **81**	9	3	0	3¼
" **80**	10	2	0	0

TO REDUCE 43 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	6	1	1	2⅓
114 “	6	0	0	⅔
113 “	5	2	0	2¾
112 “	5	0	1	1¼
111 “	4	2	1	3⅓
110 to **100**	4	1	0	1⅔
109 “	3	3	0	3¾
108 “	3	1	1	2
107 “	3	0	0	⅓
106 “	2	2	0	2½
105 to **100**	2	0	1	¾
104 “	1	2	1	3
103 “	1	1	0	1¼
102 “	0	3	0	3½
101 “	0	1	1	1¾
100 to **99**	0	1	1	2
“ **98**	0	3	1	0
“ **97**	1	1	0	2½
“ **96**	1	3	0	1⅓
“ **95**	2	1	0	½
100 to **94**	2	2	1	3¾
‘ **93**	3	0	1	3½
“ **92**	3	2	1	3⅔
“ **91**	4	1	0	0
“ **90**	4	3	0	¾
100 to **89**	5	1	0	2
“ **88**	5	3	0	3⅔
“ **87**	6	1	1	1⅔
“ **86**	7	0	0	0
“ **85**	7	2	0	2¾
100 to **84**	8	0	1	2
“ **83**	8	3	0	2
“ **82**	9	1	1	2
“ **81**	10	0	0	2¾
“ **80**	10	3	0	0

TO REDUCE 44 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**............	6	2	0	3¼
114 "	6	0	1	1¼
113 "	5	2	1	3
112 "	5	1	0	1
111 "	4	3	0	2¾
110 to **100**............	4	1	1	¾
109 "	3	3	1	2¾
108 "	3	2	0	⅔
107 "	3	0	0	2½
106 "	2	2	1	½
105 to **100**............	2	0	1	2⅓
104 "	1	3	0	⅓
103 "	1	1	0	2¼
102 "	0	3	1	¼
101 "	0	1	1	2
100 to **99**............	0	1	1	2¼
" **98**............	0	3	1	¾
" **97**............	1	1	0	3¼
" **96**............	1	3	0	2⅔
" **95**............	2	1	0	2¼
100 to **94**............	2	3	0	2
" **93**............	3	1	0	2
" **92**............	3	3	0	2½
" **91**............	4	1	0	3¼
" **90**............	4	3	1	½
100 to **89**............	5	1	1	2
" **88**............	6	0	0	0
" **87**............	6	2	0	2⅓
" **86**............	7	0	1	1¼
" **85**............	7	3	0	½
100 to **84**............	8	1	1	¼
" **83**............	9	0	0	⅓
" **82**............	9	2	1	1
" **81**............	10	1	0	2¼
" **80**............	11	0	0	0

TO REDUCE 45 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	6	3	0	0
114 “	6	1	0	1⅔
113 “	5	3	0	3¼
112 “	5	1	1	¾
111 “	4	3	1	2⅓
110 to **100**	4	2	0	0
109 “	4	0	0	1⅔
108 “	3	2	0	3¼
107 “	3	0	1	¾
106 “	2	2	1	2⅓
105 to **100**	2	1	0	0
104 “	1	3	0	1⅔
103 “	1	1	0	3¼
102 “	0	3	1	¾
101 “	0	1	1	2⅓
100 to **99**	0	1	1	2½
“ **98**	0	3	1	1⅓
“ **97**	1	1	1	½
“ **96**	1	3	1	0
“ **95**	2	1	0	3¾
100 to **94**	2	3	1	0
“ **93**	3	1	1	⅓
“ **92**	3	3	1	1¼
“ **91**	4	1	1	2½
“ **90**	5	0	0	0
100 to **89**	5	2	0	2
“ **88**	6	0	1	⅓
“ **87**	6	2	1	3¼
“ **86**	7	1	0	2½
“ **85**	7	3	1	2¼
100 to **84**	8	2	0	2¼
“ **83**	9	0	1	3
“ **82**	9	3	1	0
“ **81**	10	2	0	1¾
“ **80**	11	1	0	0

TO REDUCE 46 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to 100	6	3	1	¾
114 “	6	1	1	2
113 “	5	3	1	3⅓
112 “	5	2	0	⅔
111 “	5	0	0	2
110 to 100	4	2	0	3¼
109 “	4	0	1	½
108 “	3	2	1	1¾
107 “	3	0	1	3
106 “	2	3	0	⅓
105 to 100	2	1	0	1⅔
104 “	1	3	0	2¾
103 “	1	1	1	¼
102 “	0	3	1	1½
101 “	0	1	1	2¾
100 to 99	0	1	1	2¾
“ 98	0	3	1	2
“ 97	1	1	1	1½
“ 96	1	3	1	1⅓
“ 95	2	1	1	1½
100 to 94	2	3	1	2
“ 93	3	1	1	2¾
“ 92	4	0	0	0
“ 91	4	2	0	1½
“ 90	5	0	0	3½
100 to 89	5	2	1	2
“ 88	6	1	0	¾
“ 87	6	3	1	0
“ 86	7	1	1	3⅔
“ 85	8	0	0	3¾
100 to 84	8	3	0	⅓
“ 83	9	1	1	1½
“ 82	10	0	0	3¼
“ 81	10	3	0	1¼
“ 80	11	2	0	0

TO REDUCE 47 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	7	0	0	1⅔
114 “	6	2	0	2½
113 “	6	0	0	3½
112 “	5	2	1	½
111 “	5	0	1	1½
110 to **100**	4	2	1	2⅓
109 “	4	0	1	3⅓
108 “	3	3	0	⅓
107 “	3	1	0	1¼
106 “	2	3	0	2¼
105 to **100**	2	1	0	2¼
104 “	1	3	1	¼
103 “	1	1	1	1¼
102 “	0	3	1	2
101 “	0	1	1	3
100 to **99**	0	1	1	3¼
“ **98**	0	3	1	2⅔
“ **97**	1	1	1	2½
“ **96**	1	3	1	2⅔
“ **95**	2	1	1	3¼
100 to **94**	3	0	0	0
‘ **93**	3	2	0	1¼
“ **92**	4	0	0	2¾
“ **91**	4	2	1	¾
“ **90**	5	0	1	3¼
100 to **89**	5	3	0	2
“ **88**	6	1	1	1
“ **87**	7	0	0	¾
“ **86**	7	2	1	¾
“ **85**	8	1	0	1½
100 to **84**	8	3	1	2½
“ **83**	9	2	1	0
“ **82**	10	1	0	2¼
“ **81**	11	0	0	¾
“ **80**	11	3	0	0

TO REDUCE 48 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	7	0	1	2½
114 “	6	2	1	3
113 “	6	0	1	3⅔
112 “	5	3	0	⅓
111 “	5	1	0	1
110 to **100**	4	3	0	1⅔
109 “	4	1	0	2¼
108 “	3	3	0	2¾
107 “	3	1	0	3½
106 “	2	3	1	¼
105 to **100**	2	1	1	¾
104 “	1	3	1	1½
103 “	1	1	1	2
102 “	0	3	1	2¾
101 “	0	1	1	3⅓
100 to **99**	0	1	1	3½
“ **98**	0	3	1	3⅓
“ **97**	1	1	1	3½
“ **96**	2	0	0	0
“ **95**	2	2	0	¾
100 to **94**	3	0	0	2
“ **93**	3	2	0	3⅔
“ **92**	4	0	1	1½
“ **91**	4	3	0	0
“ **90**	5	1	0	2⅔
100 to **89**	5	3	1	1¾
“ **88**	6	2	0	1½
“ **87**	7	0	1	1½
“ **86**	7	3	0	2
“ **85**	8	1	1	3
100 to **84**	9	0	1	¼
“ **83**	9	3	0	2⅔
“ **82**	10	2	0	1¼
“ **81**	11	1	0	⅓
“ **80**	12	0	0	0

TO REDUCE 49 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	7	1	0	3¼
114 “	6	3	0	3½
113 “	6	1	0	3¾
112 “	5	3	1	¼
111 “	5	1	1	½
110 to **100**	4	3	1	¾
109 “	4	1	1	1¼
108 “	3	3	1	1½
107 “	3	1	1	1¾
106 “	2	3	1	2
105 to **100**	2	1	1	2½
104 “	1	3	1	2¾
103 “	1	1	1	3
102 “	0	3	1	3⅓
101 “	0	1	1	3⅔
100 to **99**	0	1	1	3¾
“ **98**	1	0	0	0
“ **97**	1	2	0	½
“ **96**	2	0	0	1⅓
“ **95**	2	2	0	2½
100 to **94**	3	0	1	0
“ **93**	3	2	1	2
“ **92**	4	1	0	⅓
“ **91**	4	3	0	3
“ **90**	5	1	1	2¼
100 to **89**	6	0	0	1¾
“ **88**	6	2	1	1¾
“ **87**	7	1	0	2⅓
“ **86**	7	3	1	3¼
“ **85**	8	2	1	¾
100 to **84**	9	1	0	2⅔
“ **83**	10	0	0	1¼
“ **82**	10	3	0	¼
“ **81**	11	2	0	0
“ **80**	12	1	0	0

TO REDUCE 50 GALLONS,

ADD WATER AS FOLLOWS:

Proof.	Galls.	Qts.	Pts.	Gills.
115 to **100**	7	2	0	0
114 "	7	0	0	0
113 "	6	2	0	0
112 "	6	0	0	0
111 "	5	2	0	0
110 to **100**	5	0	0	0
109 "	4	2	0	0
108 "	4	0	0	0
107 "	3	2	0	0
106 "	3	0	0	0
105 to **100**	2	2	0	0
104 "	2	0	0	0
103 "	1	2	0	0
102 "	1	0	0	0
101 "	0	2	0	0
100 to **99**	0	2	0	¼
" **98**	1	0	0	⅔
" **97**	1	2	0	1½
" **96**	2	0	0	2⅔
" **95**	2	2	1	¼
100 to **94**	3	0	1	2¼
" **93**	3	3	0	½
" **92**	4	1	0	3¼
" **91**	4	3	1	2¼
" **90**	5	2	0	1¾
100 to **89**	6	0	1	1¾
" **88**	6	3	0	2¼
" **87**	7	1	1	3
" **86**	8	0	1	½
" **85**	8	3	0	2⅓
100 to **84**	9	2	0	¾
" **83**	10	0	1	3¾
" **82**	10	3	1	3¼
" **81**	11	2	1	3⅓
" **80**	12	2	0	0

COST OF LIQUOR PER GALLON,

When Reduced from a Proof Gallon.

AT Proof.	AT 95%	AT 90%	AT 85%	AT 80%
$1.30	$1.235	$1.17	$1.105	$1.04
1.35	1.283	1.215	1.148	1.08
1.40	1.33	1.26	1.19	1.12
1.45	1.378	1.305	1.233	1.16
1.50	1.425	1.35	1.275	1.20
1.55	1.473	1.395	1.318	1.24
1.60	1.52	1.44	1.36	1.28
1.65	1.567	1.485	1.403	1.32
1.70	1.615	1.53	1.445	1.36
1.75	1.663	1.575	1.488	1.40
1.80	1.71	1.62	1.53	1.44
1.85	1.758	1.665	1.573	1.48
1.90	1.805	1.71	1.615	1.52
1.95	1.853	1.755	1.658	1.56
2.00	1.90	1.80	1.70	1.60
2.15	2.043	1.935	1.828	1.72
2.25	2.138	2.025	1.913	1.80
2.35	2.233	2.115	1.998	1.88
2.50	2.375	2.25	2.125	2.00
2.75	2.613	2.475	2.338	2.20
3.00	2.85	2.70	2.55	2.40
3.25	3.088	2.925	2.763	2.60
3.50	3.325	3.15	2.975	2.80
3.75	3.563	3.375	3.188	3.00
4.00	3.80	3.60	3.40	3.20
4.25	4.038	3.825	3.613	3.40
4.50	4.275	4.05	3.825	3.60
4.75	4.513	4.275	4.038	3.80
5.00	4.75	4.50	4.25	4.00

COST OF ALE, IN PACKAGE, MEASURE AND GLASS.

Cask (60 galls.) AT	Bbl. (30 galls.) AT	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
$9.00	$4.50	$0.15	$0.015	$0.013	$0.011	$0.01	$0.009
10.00	5.00	.167	.017	.014	.012	.011	.011
11.00	5.50	.184	.019	.015	.013	.012	.012
12.00	6.00	.20	.020	.017	.015	.013	.013
13.00	6.50	.217	.022	.018	.016	.015	.014
14.00	7.00	.234	.024	.02	.017	.016	.015
15.00	7.50	.25	.025	.021	.018	.017	.016
16.00	8.00	.267	.027	.022	.019	.018	.017
17.00	8.50	.284	.029	.024	.020	.019	.018
18.00	9.00	.30	.03	.025	.022	.020	.019
19.00	9.50	.317	.032	.027	.023	.021	.020
20.00	10.00	.334	.034	.028	.024	.022	.021
21.00	10.50	.35	.035	.029	.025	.023	.022
22.00	11.00	.367	.037	.031	.026	.025	.023
23.00	11.50	.384	.039	.032	.027	.026	.024
24.00	12.00	.40	.040	.034	.029	.027	.025
25.00	12.50	.417	.042	.035	.030	.028	.026
26.00	13.00	.434	.044	.036	.031	.029	.027
27.00	13.50	.45	.045	.038	.032	.03	.028
28.00	14.00	.467	.047	.039	.033	.031	.029

COST OF LAGER BEER, IN VARIOUS QUANTITIES

At following Prices per Barrel, with Discounts from 5% to 45%.

	Discount.	Per Barrel.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
At $8.00 per Bbl.	0	$8.00	$0.267	$0.027	$0.022	$0.019	$0.018	$0.017
	5	7.60	.253	.025	.021	.018	.017	.016
	10	7.20	.240	.024	.02	.017	.016	.015
	15	6.80	.227	.023	.019	.016	.015	.014
	20	6.40	.213	.021	.018	.016	.015	.014
	25	6.00	.20	.02	.017	.015	.014	.013
	30	5.60	.187	.019	.016	.014	.013	.012
	35	5.20	.173	.017	.015	.013	.012	.011
	40	4.80	.16	.016	.013	.012	.011	.01
	45	4.40	.147	.015	.012	.011	.01	.009
At $9.00 per Bbl.	0	9.00	.30	.03	.025	.022	.02	.019
	5	8.55	.285	.029	.024	.02	.019	.018
	10	8.10	.27	.027	.023	.019	.018	.017
	15	7.65	.255	.026	.021	.018	.017	.016
	20	7.20	.24	.024	.02	.017	.016	.015
	25	6.75	.225	.023	.019	.016	.015	.014
	30	6.30	.21	.021	.018	.015	.014	.013
	35	5.85	.195	.02	.016	.014	.013	.012
	40	5.40	.18	.018	.015	.013	.012	.011
	45	4.95	.165	.017	.014	.012	.011	.01

COST OF LAGER BEER, IN VARIOUS QUANTITIES (Continued),

At following Prices per Barrel, with Discounts from 5% to 45%.

	Dis-count.	Per Barrel.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
At $10.00 per Bbl.	0	$10.00	$0.333	$0.033	$0.028	$0.024	$0.022	$0.021
	5	9.50	.317	.032	.026	.023	.021	.02
	10	9.00	.30	.03	.025	.022	.02	.019
	15	8.50	.283	.028	.024	.02	.019	.018
	20	8.00	.267	.027	.023	.019	.018	.017
	25	7.50	.25	.025	.021	.018	.017	.016
	30	7.00	.233	.023	.019	.017	.016	.015
	35	6.50	.217	.022	.018	.016	.015	.014
	40	6.00	.20	.02	.017	.014	.013	.013
	45	5.50	.183	.018	.015	.013	.012	.011
At $11.00 per Bbl.	0	$11.00	$0.367	$0.037	$0.031	$0.026	$0.024	$0.023
	5	10.45	.348	.035	.029	.025	.023	.022
	10	9.90	.33	.033	028	.024	.022	.021
	15	9.35	.312	.031	.026	.022	.021	.02
	20	8.80	.293	.029	.025	.021	.019	.018
	25	8.25	.275	.028	.023	.019	.018	.017
	30	7.70	.256	.026	.021	.018	.017	.016
	35	7.15	.238	.024	.019	.017	.016	.015
	40	6.60	.22	.022	.018	.016	.015	.014
	45	6.05	.202	.02	.017	.014	.013	.013

COST OF LAGER BEER, IN VARIOUS QUANTITIES (Continued),

At following Prices per Barrel, with Discounts from 5% to 45%.

	Dis-count.	Per Barrel.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
At $12.00 per Bbl.	0	$12.00	$0.40	$0.04	$0.033	$0.029	$0.027	$0.025
	5	11.40	.38	.038	.032	.027	.025	.024
	10	10.80	.36	.036	.03	.026	.024	.023
	15	10.20	.34	.034	.028	.024	.023	.021
	20	9.60	.32	.032	.027	.023	.021	.02
	25	9.00	.30	.03	.025	.022	.02	.019
	30	8.40	.28	.028	.023	.02	.019	.018
	35	7.80	.26	.026	.022	.019	.017	.016
	40	7.20	.24	.024	.02	.017	.016	.015
	45	6.60	.22	.022	.018	.016	.015	.014

The prices given in the above Lager Beer tables are calculated on a basis of 30 gallons of beer to the barrel.

The figures are carried to decimals—the third figure in the column of cents being mills, or tenths of one cent.

IMPORTED ALES, PORTERS, &C.

Cost per Gallon and Glass if Bought by Hhd. (63 Gallons).

Per Hhd.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
$31.00	$0.492	$0.049	$0.041	$0.035	$0.033	$0.031
32.00	.508	.051	.042	.036	.034	.032
33.00	.524	.053	.044	.037	.035	.033
34.00	.54	.054	.045	.039	.036	.034
35.00	.556	.056	.046	.04	.037	.035
36.00	.571	.057	.048	.041	.038	.036
37.00	.587	.059	.049	.042	.039	.037
38.00	.603	.06	.05	.043	.04	.038
39.00	.619	.062	.052	.044	.041	.039
40.00	.635	.064	.053	.045	.042	.04
41.00	.651	.065	.054	.047	.043	.041
42.00	.667	.067	.056	.048	.044	.042
43.00	.683	.068	.057	.049	.046	.043
44.00	.699	.07	.058	.05	.047	.044
45.00	.714	.072	.059	.051	.048	.045

IMPORTED ALES, PORTERS, &C. (Continued),

Cost per Gallon and Glass if Bought by Hhd. (63 Gallons).

Per Hhd.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
$46.00	$0.73	$0.073	$0.061	$0.052	$0.049	$0.046
47.00	.746	.075	.062	.053	.05	.047
48.00	.762	.076	.063	.054	.051	.048
49.00	.778	.079	.065	.056	.052	.049
50.00	.794	.08	.066	.057	.053	.05
		If Bought by Barrel (42 Gallons).				
$21.00	$0.50	$0.05	$0.042	$0.036	$0.033	$0.031
22.00	.524	.053	.044	.037	.035	.033
23.00	.548	.055	.046	.039	.037	.034
24.00	.571	.057	.048	.041	.038	.036
25.00	.595	.06	.05	.043	.04	.037
26.00	.619	.062	.052	.044	.041	.039
27.00	.643	.064	.054	.046	.043	.04
28.00	.666	.067	.056	.048	.045	.042
29.00	.69	.069	.058	.049	.046	.043
30.00	.714	.072	.06	.051	.048	.045

IMPORTED ALES, PORTERS, &C. (Continued),

Cost per Gallon and Glass if Bought by Barrel (42 Gallons).

Per Bbl.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
$31.00	$0.738	$0.074	$0.062	$0.053	$0.049	$0.046
32.00	.762	.076	.064	.054	.051	.048
33.00	.785	.079	.066	.056	.052	.049
34.00	.809	.081	.068	.058	.054	.051
35.00	.833	.083	.07	.06	.056	.052
			If Bought by Half Hhd (31 Gallons).			
$16.00	$0.516	$0.052	$0.043	$0.037	$0.034	$0.032
17.00	.548	.055	.046	.039	.037	.034
18.00	.581	.058	.048	.042	.039	.036
19.00	.613	.062	.051	.044	.041	.038
20.00	.645	.065	.054	.046	.043	.04
21.00	.677	.068	.057	.048	.045	.042
22.00	.709	.071	.059	.051	.047	.044
23.00	.742	.074	.062	.053	.049	.046
24.00	.774	.078	.065	.055	.052	.048
25.00	.807	.081	.067	.058	.054	.05

IMPORTED ALES, PORTERS, &C. (Continued),

Cost per Gallon and Glass if Bought by Kilderkin (21 Gallons).

Kil-derkin.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
$11.00	$0.524	$0.053	$0.044	$0.037	$0.035	$0.033
12.00	.571	.057	.048	.041	.038	.036
13.00	.619	.062	.052	.044	.041	.039
14.00	.667	.067	.056	.048	.045	.042
15.00	.714	.072	.06	.051	.048	.045
16.00	.762	.076	.064	.054	.051	.048
17.00	.809	.081	.068	.058	.054	.051
18.00	.857	.086	.072	.061	.057	.054
19.00	.905	.091	.076	.065	.06	.057
20.00	.952	.095	.08	.068	.064	.06
Firkin.		If Bought by Firkin (10 Gallons).				
$6.00	$0.60	.06	.05	.043	.04	.038
7.00	.70	.07	.058	.05	.047	.044
8.00	.80	.08	.067	.057	.053	.05
9.00	.90	.09	.075	.064	.06	.056
10.00	1.00	.10	.083	.072	.067	.063
11.00	1.10	.11	.092	.079	.073	.069
12.00	1.20	.12	.10	.086	.08	.075
13.00	1.30	.13	.108	.093	.087	.081

COST OF IMPORTED LAGER BEER, WITH DISCOUNTS,

Sold by the Gallon in Half Barrels containing 15 to 16 Gallons.

Dis-count.	Per Gallon.	10 Glasses TO GALL.	12 Glasses TO GALL.	14 Glasses TO GALL.	15 Glasses TO GALL.	16 Glasses TO GALL.
0	$0.75	$0.075	$0.063	$0.054	$0.05	$0.047
1	.743	.074	062	.053	.05	.047
2	.735	.074	.061	.052	.049	.046
3	.728	.073	.061	.052	.049	.946
4	.72	.072	.06	.051	.048	.045
5	.713	.071	.059	.051	.048	.045
6	.705	.071	.059	.05	.047	044
7	.698	.07	058	.05	.047	.044
8	.69	.069	058	.049	.046	.043
9	.683	.068	057	.049	.046	.043
10	.675	068	.056	.048	.045	.042

Cost of Red or White Wines,

In Various Quantities.

Per Gallon.	Per Quart.	Per Fifth.	Per Pint.	13 oz. Schoppen.	6½ oz. ½ Schop.
$0.50	$0.125	$0.10	$0.063	$0.05	$0.025
.60	.15	.12	.075	.06	.03
.70	.175	.14	.088	.07	.035
.80	.20	.16	.10	.08	.04
.90	.225	.18	.113	.09	.045
1.00	.25	.20	.125	.10	.05
1.25	.313	.25	.157	.128	.064
1.50	.375	.30	.188	.153	.077
1.75	.438	.35	.219	.18	.09
2.00	.50	.40	.25	.204	.102
2.25	.563	.45	.282	.23	.115
2.50	.625	.50	.313	.255	.128
2.75	.688	.55	.344	.281	.141
3.00	.75	.60	.375	.306	.153
3.25	.813	.65	.407	.332	.166
3.50	.875	.70	.438	.357	.179
3.75	.938	.75	.469	.383	.192
4.00	1.00	.80	.50	.408	.204
4.25	1.063	.85	.532	.434	.217
4.50	1.125	.90	.563	.459	.23
4.75	1.188	.95	.594	.485	.243
5.00	1.25	1.00	.625	.511	.255

COST OF WINES AND LIQUORS

In various Quantities, Measures and Glasses.

Per Gall.	Per Quart.	Per Fifth.	Per Pint.	Per ½ Pint.	Per Gill.	30 Glasses TO GALL.	40 Glasses TO GALL.	50 Glasses TO GALL.	60 Glasses TO GALL.	70 Glasses TO GALL.	80 Glasses TO GALL.
$1.25	$0.313	$0.25	$0.157	$0.079	$0.039	$0.042	$0.031	$0.025	$0.021	$0.018	$0.016
1.30	.325	.26	.163	.082	.041	.043	.033	.026	.022	.019	.016
1.35	.338	.27	.169	.085	.042	.045	.034	.027	.023	.019	.017
1.40	.35	.28	.175	.088	.044	.047	.035	.028	.023	.02	.018
1.45	.363	.29	.182	.091	.045	.048	.036	.029	.024	.021	.018
1.50	.375	.30	.188	.094	.047	.05	.038	.030	.025	.021	.019
1.55	.388	.31	.194	.097	.049	.052	.039	.031	.026	.022	.019
1.60	.40	.32	.20	.10	.05	.053	.04	.032	.027	.023	.02
1.65	.413	.33	.207	.104	.052	.055	.041	.033	.028	.024	.021
1.70	.425	.34	.213	.107	.053	.057	.043	.034	.028	.024	.021
1.75	.438	.35	.219	.11	.055	.058	.044	.035	.029	.025	.022
1.80	.45	.36	.225	.113	.056	.06	.045	.036	.03	.026	.023
1.85	.463	.37	.232	.116	.058	.062	.046	.037	.031	.027	.023
1.90	.475	.38	.238	.119	.059	.063	.048	.038	.032	.027	.024
1.95	.488	.39	.244	.122	.061	.065	.049	.039	.033	.028	.024

COST OF WINES AND LIQUORS (Continued),

In various Quantities, Measures and Glasses.

Per Gall.	Per Quart.	Per Fifth.	Per Pint.	Per ½ Pint.	Per Gill.	30 Glasses TO GALL.	40 Glasses TO GALL.	50 Glasses TO GALL.	60 Glasses TO GALL.	70 Glasses TO GALL.	80 Glasses TO GALL.
$2.00	$0.50	$0.40	$0.25	$0.125	$0.063	$0.067	$0.05	$0.04	$0.033	$0.029	$0.025
2.15	.538	.43	.269	.135	.067	.072	.054	.043	.036	.031	.027
2.25	.563	.45	.282	.141	.071	.075	.056	.045	.038	.032	.028
2.35	.588	.47	.294	.147	.074	.078	.059	.047	.039	.034	.029
2.50	.625	.50	.313	.157	.078	.083	.062	.05	.042	.036	.031
2.75	.688	.55	.344	.172	.086	.092	.069	.055	.046	.039	.034
3.00	.75	.60	.375	.188	.094	.10	.075	.06	.05	.043	.038
3.25	.813	.65	.407	.204	.102	.108	.081	.065	.054	.046	.041
3.50	.875	.70	.438	.219	.109	.117	.088	.07	.058	.05	.044
3.75	.938	.75	.469	.235	.117	.125	.094	.075	.063	.054	.047
4.00	1.	.80	.50	.25	.125	.133	.10	.08	.067	.057	.05
4.25	1.063	.85	.532	.268	.133	.142	.106	.085	.071	.061	.053
4.50	1.125	.90	.563	.281	.141	.15	.113	.09	.075	.064	.056
4.75	1.188	.95	.594	.292	.148	.158	.119	.095	.079	.068	.059
5.00	1.25	1.00	.625	.312	.156	.167	.125	.10	.083	.071	.063

COST OF A SINGLE ARTICLE.

Based on Price per Dozen. Applicable to all Bottled and Case Goods.

Per doz.	Each.	Per doz.	Each.	Per doz.	Each.	Per doz.	Each.
$0.25	$0.021	$1.00	$0.083	$1.75	$0.146	$2.50	$0.208
.30	.025	1.05	.088	1.80	.15	2.55	.213
.35	.029	1.10	.092	1.85	.154	2.60	.217
.40	.033	1.15	.096	1.90	.158	2.65	.221
.45	.038	1.20	.10	1.95	.163	2.70	.225
.50	.042	1.25	.104	2.00	.167	2.75	.229
.55	.046	1.30	.108	2.05	.171	2.80	.233
.60	.05	1.35	.113	2.10	.175	2.85	.238
.65	.054	1.40	.117	2.15	.179	2.90	.242
.70	.058	1.45	.121	2.20	.183	2.95	.246
.75	.063	1.50	.125	2.25	.188	3.00	.25
.80	.067	1.55	.129	2.30	.192	3.05	.254
.85	.071	1.60	.133	2.35	.196	3.10	.258
.90	.075	1.65	.138	2.40	.200	3.15	.263
.95	.079	1.70	.142	.245	.204	3.20	.267

COST OF A SINGLE ARTICLE (Continued).

Based on Price per Dozen. Applicable to all Bottled and Case Goods.

Per doz.	Each.	Per doz.	Each.	Per doz.	Each.	Per doz.	Each.
$3.25	$0.271	$4.00	$0.333	$4.75	$.396	$7.50	$0.625
3.30	.275	4.05	.338	4.80	.40	7.75	.646
3.35	.279	4.10	.342	4.85	.404	8.00	.667
3.40	.283	4.15	.346	4.90	.408	8.25	.688
3.45	.288	4.20	.350	4.95	.413	8.50	.708
3.50	.292	4.25	.354	5.00	.417	8.75	.729
3.55	.296	4.30	.358	5.25	.438	9.00	.75
3.60	.30	4.35	.363	5.50	.458	9.25	.771
3.65	.304	4.40	.367	5.75	.479	9.50	.792
3.70	.308	4.45	.371	6.00	.50	9.75	.813
3.75	.313	4.50	.375	6.25	.521	10.00	.833
3.80	.317	4.55	.379	6.50	.542	10.25	.854
3.85	.321	4.60	.383	6.75	.563	10.50	.875
3.90	.325	4.65	.388	7.00	.583	10.75	.896
3.95	.329	4.70	.392	7.25	.604	11.00	.917

COST OF A SINGLE ARTICLE (Continued).

Based on Price per Dozen. Applicable to all Bottled and Case Goods.

Per doz.	Each.	Per doz.	Each.	Per doz.	Each.	Per doz.	Each.
$11.25	.938	$15.00	1.25	$18.75	1.563	$22.50	1.875
11.50	.958	15.25	1.271	19.00	1.583	22.75	1.896
11.75	.979	15.50	1.292	19.25	1.604	23.00	1.917
12.00	1.000	15.75	1.313	19.50	1.625	23.25	1.938
12.25	1.021	16.00	1.333	19.75	1.646	23.50	1.958
12.50	1.042	16.25	1.354	20.00	1.667	23.75	1.979
12.75	1.063	16.50	1.375	20.25	1.688	24.00	2.00
13.00	1.083	16.75	1.396	20.50	1.708	24.25	2.021
13.25	1.104	17.00	1.417	20.75	1.729	24.50	2.042
13.50	1.125	17.25	1.438	21.00	1.75	24.75	2.063
13.75	1.146	17.50	1.458	21.25	1.771	25.00	2.083
14.00	1.167	17.75	1.479	21.50	1.792	25.25	2.104
14.25	1.188	18.00	1.50	21.75	1.813	25.50	2.125
14.50	1.208	18.25	1.521	22.00	1.833	25.75	2.146
14.75	1.229	18.50	1.542	22.25	1.854	26.00	2.167

COST OF A SINGLE ARTICLE (Continued).

Based on Price per Dozen. Applicable to all Bottled and Case Goods.

Per doz.	Each.	Per doz.	Each.	Per doz.	Each.	Per doz.	Each.
$26.25	$2.188	$30.00	$2.50	$33.75	$2.813	$37.50	$3.125
26.50	2.208	30.25	2.521	34.00	2.833	37.75	3.146
26.75	2.229	30.50	2.542	34.25	2.854	38.00	3.167
27.00	2.25	30.75	2.563	34.50	2.875	38.25	3.188
27.25	2.271	31.00	2.583	34.75	2.896	38.50	3.208
27.50	2.292	31.25	2.604	35.00	2.917	38.75	3.229
27.75	2.313	31.50	2.625	35.25	2.938	39.00	3.25
28.00	2.333	31.75	2.646	35.50	2.958	39.25	3.271
28.25	2.354	32.00	2.667	35.75	2.979	39.50	3.292
28.50	2.375	32.25	2.688	36.00	3.00	39.75	3.313
28.75	2.396	32.50	2.708	36.25	3.021	40.00	3.333
29.00	2.417	32.75	2.729	36.50	3.042	40.25	3.354
29.25	2.438	33.00	2.75	36.75	3.063	40.50	3.375
29.50	2.458	33.25	2.771	37.00	3.083	40.75	3.396
29.75	2.479	33.50	2.792	37.25	3.104	41.00	3.417

COST PER DAY, MONTH AND QUARTER,

For Licenses, Rents, Salaries, &c., at various amounts per annum.

Per Annum.	Per Quarter.	Per Month.	Per Day.
$100.00	$25.00	$8.333	$0.274
200.00	50.00	16.667	.548
300.00	75.00	25.00	.822
325.00	81.25	27.083	.89
350.00	87.50	29.167	.959
375.00	93.75	31.25	1.027
400.00	100.00	33.333	1.096
425.00	108.25	35.417	1.164
450.00	112.50	37.50	1.233
475.00	118.75	39.583	1.301
500.00	125.00	41.667	1.37
525.00	131.25	43.75	1.438
550.00	137.50	45.833	1.507
600.00	150.00	50.00	1.644
650.00	162.50	54.167	1.781
700.00	175.00	58.333	1.918
750.00	187.50	62.50	2.055
800.00	200.00	66.667	2.192
850.00	212.50	70.833	2.329
900.00	225.00	75.00	2.466
950.00	237.50	79.167	2.603
1000.00	250.00	83.333	2.74
1100.00	275.00	91.667	3.014
1200.00	300.00	100.00	3.288
1300.00	325.00	108.333	3.562
1400.00	350.00	116.667	3.836
1500.00	375.00	125.00	4.11
1600.00	400.00	133.333	4.384
1700.00	425.00	141.667	4.658
1800.00	450.00	150.00	4.931

COST PER DAY, MONTH AND QUARTER,

For Licenses, Rents, Salaries, &c., at various amounts per annum.

Per Annum.	Per Quarter.	Per Month.	Per Day.
$1900.00	475.00	$158.333	$5.205
2000.00	500.00	166.667	5.479
2100.00	525.00	175.00	5.753
2200.00	550.00	183.333	6.027
2300.00	575.00	191.667	6.301
2400.00	600.00	200.00	6.575
2500.00	625.00	208.333	6.849
2600.00	650.00	216.667	7.123
2700.00	675.00	225.00	7.397
2800.00	700.00	233.333	7.671
2900.00	725.00	241.667	7.945
3000.00	750.00	250.00	8.219
3100.00	775.00	258.333	8.493
3200.00	800.00	266.667	8.767
3300.00	825.00	275.00	9.041
3400.00	850.00	283.333	9.315
3500.00	875.00	291.667	9.389
3600.00	900.00	300.00	9.863
3700.00	925.00	308.333	10.137
3800.00	950.00	316.667	10.411
3900.00	975.00	325.00	10.685
4000.00	1000.00	333.333	10.959
4100.00	1025.00	341.667	11.233
4200.00	1050.00	350.00	11.507
4300.00	1075.00	358.333	11.781
4400.00	1100.00	366.667	12.055
4500.00	1125.00	375.00	12.329
4600.00	1150.00	383.333	12.603
4700.00	1175.00	391.667	12.877
4800.00	1200.00	400.00	13.151

COST PER DAY, MONTH AND QUARTER,

For Licenses, Rents, Salaries, &c., at various amounts per annum.

Per Annum.	Per Quarter.	Per Month.	Per Day.
$4900.00	$1225.00	$408.333	$13.425
5000.00	1250.00	416.667	13.699
5100.00	1275.00	425.00	13.973
5200.00	1300.00	433.333	14.246
5300.00	1325.00	441.667	14.52
5400.00	1350.00	450.00	14.794
5500.00	1375.00	458.333	15.068
5600.00	1400.00	466.667	15.342
5700.00	1425.00	475.00	15.616
5800.00	1450.00	483.333	15.89
5900.00	1475.00	491.667	16.164
6000.00	1500.00	500.00	16.438
6100.00	1525.00	508.333	16.712
6200.00	1550.00	516.667	16.986
6300.00	1575.00	525.00	17.26
6400.00	1600.00	533.333	17.534
6500.00	1625.00	541.667	17.808
6600.00	1650.00	550.00	18.082
6700.00	1675.00	558.333	18.356
6800.00	1700.00	566.667	18.63
6900.00	1725.09	575.00	18.904
7000.00	1750.00	583.333	19.178
7100.00	1775.00	591.667	19.452
7200.00	1800.00	600.00	19.726
7300.00	1825.00	608.333	20.00
7400.00	1850.00	616.667	20.274
7500.00	1875.00	625.00	20.548
7600.00	1900.00	633.333	20.822
7700.00	1925.00	641.667	21.096
7800.00	1950.00	650.00	21.37

COST PER DAY, MONTH AND QUARTER,

For Licenses, Rents, Salaries, &c., at various amounts per annum.

Per Annum.	Per Quarter.	Per Month.	Per Day.
$7900.00	$1975.00	$658.333	$21.644
8000.00	2000.00	666.667	21.918
8100.00	2025.00	675.00	22.192
8200.00	2050.00	683.333	22.466
8300.00	2075.00	691.667	22.74
8400.00	2100.00	700.00	23.013
8500.00	2125.00	708.333	23.287
8600.00	2150.00	716.667	23.561
8700.00	2175.00	725.00	23.835
8800.00	2200.00	733.333	24.109
8900.00	2225.00	741.667	24.383
9000.00	2250.00	750.00	24.657
9100.00	2275.00	758.333	24.931
9200.00	2300.00	766.667	25.205
9300.00	2325.00	775.00	25.479
9400.00	2350.00	783.333	25.753
9500.00	2375.00	791.667	26.027
9600.00	2400.00	800.00	26.301
9700.00	2425.00	808.333	26.575
9800.00	2450.00	816,667	26.849
9900.00	2475.00	825.00	27.123
10000.00	2500.00	833.333	27.397
10100.00	2525.00	841.667	27.671
10200.00	2550.00	850.00	27.945
10300.00	2575.00	858.333	28.219

NUMBER OF GLASSES,

Of Different Sizes, in One Gallon.

1	oz.	Glass full	....	=	128.	Drinks in	One Gallon
1½	"	"	....		85.3	"	"
2	"	"	....		64.	"	"
2½	"	"	....		51.2	"	"
3	"	"	....		42.6	"	"
3½	"	"	....		36.5	"	"
4	"	"	(or 1 Gill)..		32.	"	"
4½	"	"	....		28.4	"	"
5	"	"	....		25.6	"	"
5½	"	"	....		23.3	"	"
6	"	"	....		21.3	"	"
6½	"	"	....		19.7	"	"
7	"	"	....		18.3	"	"
7½	"	"	....		17.	"	"
8	"	"	(or ½ Pint).		16.	"	"
8½	"	"	....		15.	"	"
9	"	"	....		14.2	"	"
9½	"	"	....		13.4	"	"
10	"	"	....		12.8	"	"
10½	"	"	....		12.1	"	"
11	"	"	....		11.6	"	"
12	"	"	(or ¾ Pint).		10.6	"	"
13	"	"	....		9.8	"	"
14	"	"	....		9.1	"	"
15	"	"	....		8.5	"	"
16	"	"	(or 1 Pint)..		8.	"	"
17	"	"	....		7.5	"	"
18	"	"	....		7.1	"	"
19	"	"	....		6.7	"	"
20	"	"	....		6.4	"	"
21	"	"	....		6.1	"	"
22	"	"	....		5.8	"	"
23	"	"	....		5.5	"	"
24	"	"	....		5.3	"	"
25	"	"	....		5.1	"	"
26	"	"	....		4.9	"	"
27	"	"	....		4.7	"	"
28	"	"	....		4.5	"	"
29	"	"	....		4.4	"	"
30	"	"	....		4.2	"	"
31	"	"	....		4.1	"	"
32	"	"	(or 1 Quart).		4.	"	"

AMOUNT OF MONEY TAKEN IN ON ONE GALLON,

Sold by Different Sized Glasses at Various Prices.

	10 Glasses.	12 Glasses.	14 Glasses.	15 Glasses.	16 Glasses.
5 cts. per Drink	$0.50	$0.60	$0.70	$0.75	$0.80
10 “ “	1.00	1.20	1.40	1.50	1.60

	30 Glasses.	40 Glasses.	50 Glasses.	60 Glasses.	70 Glasses.	80 Glasses.
5 cts. per Drink	$1.50	$2.00	$2.50	$3.00	$3.50	$4.00
10 “ “	3.00	4.00	5.00	6.00	7.00	8.00
2 for 25c., per Drink	3.75	5.00	6.25	7.50	8.75	10.00
15 cts. per Drink	4.50	6.00	7.50	9.00	10.50	12.00
20 “ “	6.00	8.00	10.00	12.00	14.00	16.00
25 “ “	7.50	10.00	12.50	15.00	17.50	20.00
40 “ “	12.00	16.00	20.00	24.00	28.00	32.00

To find the Cost of Whiskey

When taken out of Bond, add

Tax.......................
Original Cost.................
Interest.....................
Storage.....................
Insurance...................
Freight.....................
Cartage.....................
Total...............

Divide the total amount by the number of gallons taxed, which will give you the cost per proof gallon.

When whiskeys are bought in bond they are usually paid for according to the original guage, and the tax-payer loses the evaporation, which generally is a little less than the following government allowance per barrel.

ALLOWANCE OF LOSS ON WHISKEY,

On basis of Act of March 2. 1899, while in Bonded Warehouse, for the following periods of time.

Not to exceed

1	proof	gallon	for two months or part thereof.				
1½	"	gallons	for over two	2	and not over	4	months.
2	"	"	"	4	"	6	"
2½	"	"	"	6	"	8	"
3	"	"	"	8	"	10	"
3½	"	"	"	10	"	12	"
4	"	"	"	12	"	15	"
4½	"	"	"	15	"	18	"
5	"	"	"	18	"	21	"
5½	"	"	"	21	"	24	"
6	"	"	"	24	"	27	"
6½	"	"	"	27	"	30	"
7	"	"	"	30	"	33	"
7½	"	"	"	33	"	36	"
8	"	"	"	36	"	40	"
8½	"	"	"	40	"	44	"
9	"	"	"	44	"	48	"
9½	"	"	"	48	"	52	"
10	"	"	"	52	"	56	"
10½	"	"	"	56	"	60	"
11	"	"	"	60	"	64	"
11½	"	"	"	64	"	68	"
12	"	"	"	68	"	72	"
12½	"	"	"	72	"	76	"
13	"	"	"	76	"	80	"
13½	"	"	"	80	"	84	"

ITEMS OF DAILY EXPENSE.

The following items give, approximately, the cost per day of an average New York City saloon:

Rent, at $3,000		$8.219
License, 800		2.192
Fixtures*		1.37
Help		4.00
Gas		1.00
Electric Light and Fans		1.00
Glassware		.25
Ice		1.00
Repairs		.25
Charity (Club and Ball Tickets, &c.)		.25
Sundries (Lemons, Sugar, Fruit, &c.)		.50
Lunch		4.00
Interest on money invested, Fixtures	$5,000	
" " Stock	2,000	
6 % interest on	$7,000	1.15
Total		$25.181

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* The cost of fixtures and fitting up a place should be an expense charge, as they have little or no value should you be obliged to sell them at the expiration of your lease; therefore, the cost should be divided by the term of your lease. For example, if your lease is for 10 years, and they cost $5,000, that would be $500 per annum or $1.37 per day.

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